

Bruhath Bangalore Mahanagara Palike Dasarahalli Zone

Name of Work : Improvements to roads and drains of Medarahalli Janata Colony Southern side cross roads in ward No12 Shettyhalli, in Shettyhalli Sub Division.

Est. Cost Rs. 50.00 Lakhs

Sl No	Description of Items	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRRB 300-3. Earthwork excavation by manual means in ordinary soil involving in average horizontal throw up to 2m & an average lift upto 1.5m , excavated surface leveled & sides neatly dressed , the disposed earth to be levelled neatly after breaking of clods complete as per specification MORTH/ Chapter 3. P. No. 142/ It No. 19.1/ PWD SR 2016-17								
		Cum							
	Medarahalli 2nd cross		2	116.00	1.20	1.00	278.40		
	Abbigere colony 6th cross R/s		1	60.00	1.20	1.00	72.00		
	6th cross Suvilas road L/s		2	104.00	1.20	1.00	249.60		
	5th cross Suvilas road L/s		2	68.00	1.20	1.00	163.20		
	for Cds		2	7.20	1.65	1.10	26.14		
				355.20			789.34	175.96	138892.00
	Basic Rate	82.00							
	add loading & unloading charges	68.00							
	lead for 5 km=5*1.28*2.5	16.00							
	Total	166.00							
	add AW 6%	9.96							
		175.96							
2	KSRB 4-1.3 : Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.3 Page No.12/ Item No. 4.3/ PWD SR 2016-17								
		Cum							
	Medarahalli 2nd cross		2	116.00	1.10	0.15	38.28		
	Abbigere colony 6th cross R/s		1	60.00	1.10	0.15	9.90		
	6th cross Suvilas road L/s		2	104.00	1.10	0.15	34.32		
	5th cross Suvilas road L/s		2	68.00	1.10	0.15	22.44		
	for Cds		2	7.20	1.50	0.15	3.24		
				355.20			108.18	5159.02	558102.78
	Basic Rate	4867.00							



	Add A.W 6%	292.02						
	Total	5159.02						
3	KSRB 4.2.2 : Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 320kgs, with with 20mm and down size graded granite metal, coarse aggregate @ 0.69 cum and fine aggregates @ .460cum, with super plasticisers @ 3 liters confirming to is 9103-1999 reafairmed -2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedestals, retaining walls, staircase, retaining walls, return walls, walls (any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete as per specifications. Specification No. KBS 4.1, 4.5 , P.13/I.4.11/ PWD SR 2016-17							
		Cum						
	Medarahalli 2nd cross	2	116.00	0.90	0.15	31.32		
	Abbigere colony 6th cross R/s	1	60.00	0.90	0.15	8.10		
	6th cross Suvilas road L/s	2	104.00	0.90	0.15	28.08		
	5th cross Suvilas road L/s	2	68.00	0.90	0.15	18.36		
	for Cds	2	7.20	1.50	0.15	3.24		
	for drain side wall							
	Medarahalli 2nd cross	4	116.00	0.15	0.70	48.72		
	Abbigere colony 6th cross R/s	2	60.00	0.15	0.70	12.60		
	6th cross Suvilas road L/s	4	104.00	0.15	0.70	43.68		
	5th cross Suvilas road L/s	4	68.00	0.15	0.70	28.56		
	for Cds	4	7.20	0.35	0.70	7.06		
	deck slab	2	7.20	1.50	0.23	4.97		
	ramp	2	7.20	0.50	0.10	0.72		
						235.40	6371.66	1499914.00
	Basic Rate	6011.00						
	Add A.W 6%	360.66						
	Total	6371.66						
4	KSRB 4-6.4 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth cills and string courses cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 Page No.15/ Item No. 4.31/ PWD SR 2016-17							

Medarahalli 2nd cross	sqm	2x4	116.00		0.75	696.00		
Abbigere colony 6th cross R/s		1x4	60.00		0.75	180.00		
5th cross Suvilas road L/s		2x4	104.00		0.75	624.00		
5th cross Suvilas road L/s		2x4	68.00		0.75	408.00		
for Cds		2x4	7.20		0.75	43.20		
for deck slab		2	7.20		0.70	10.08		
for sides		2	17.40		0.23	8.00		
						1969.28	310.58	611620.00
Basic Rate	293.00							
Add A.W 6%	17.58							
Total	310.58							

5 KSRB 4.9.2: Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3, TMT bars Fe 500. Page No. 17 / Item No. 4.46.2 / PWD SR 2016-17

For Side Walls	Tonnes		230.44	x	65kgs	14978.34		
For Covering			4.97	x	80kgs	397.44		
						15375.78		
						say		
						15.38	64243.42	987793.00
Basic Rate	60607.00							
Add A.W 6%	3636.42							
Total	64243.42							

5 Providing & laying reinforced cement precast slabs of mix CC 1:11/2:3 using 20mm & down size graded Granite metal using HYSD 10mm dia steel @ 100mm c/c both ways & Complete as per specifications.

Medarahalli 2nd cross	sqm	2	116.00		0.90	208.80		
Abbigere colony 6th cross R/s		1	60.00		0.90	54.00		
6th cross Suvilas road L/s		2	104.00		0.90	187.20		
5th cross Suvilas road L/s		2	68.00		0.90	122.40	1520117.00	
Approved Rate of Precast slab	1680.00		54.00			572.40	1680.00	961632.00
	1698.00					565.20	1698.00	959710.00

567.00

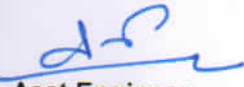
962766.00

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Sub Total								4757953.78
Add.Tender Premium 5%							237954.00	237897.69
Miscellaneous and unforeseen charges							2958.00	4149.00
							Total	5000000.00
(Rupees Fifty Lakhs only)								

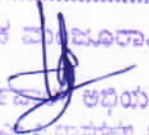
CERTIFICATE

- 1 The Work spot has been inspected and the work found to be necessary
- 2 The Estimate is prepared as per the PWD SR 2016-17
- 3 The Provision made in estimate are adequate and essential
- 4 This area comes under BBMP limits.


Asst Engineer
Ward No-12


Asst Executive Engineer
Shettyhalli Sub-Division
BBMP


Executive Engineer
Dasarahalli Zone
BBMP

ನಂ. EE/DD/AS/105/17-18 ದಿನಾಂಕ : 26.9.17
ರೂ. Rs. 50.00 Lakh (Fifty Lakh only)
ಅಂದಾಜು ಪಟ್ಟಿಗೆ ಆದಳಿತಾತ್ಮಕ ಮೌಲ್ಯಮಾಪನ ನೀಡಿದೆ

ಕಾರ್ಯದರ್ಶಿ ಅಧೀಯಂತರು
ಬಿ.ಬಿ.ಎಂ.ದಾಸರಹಳ್ಳಿ ವಿಭಾಗ
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು

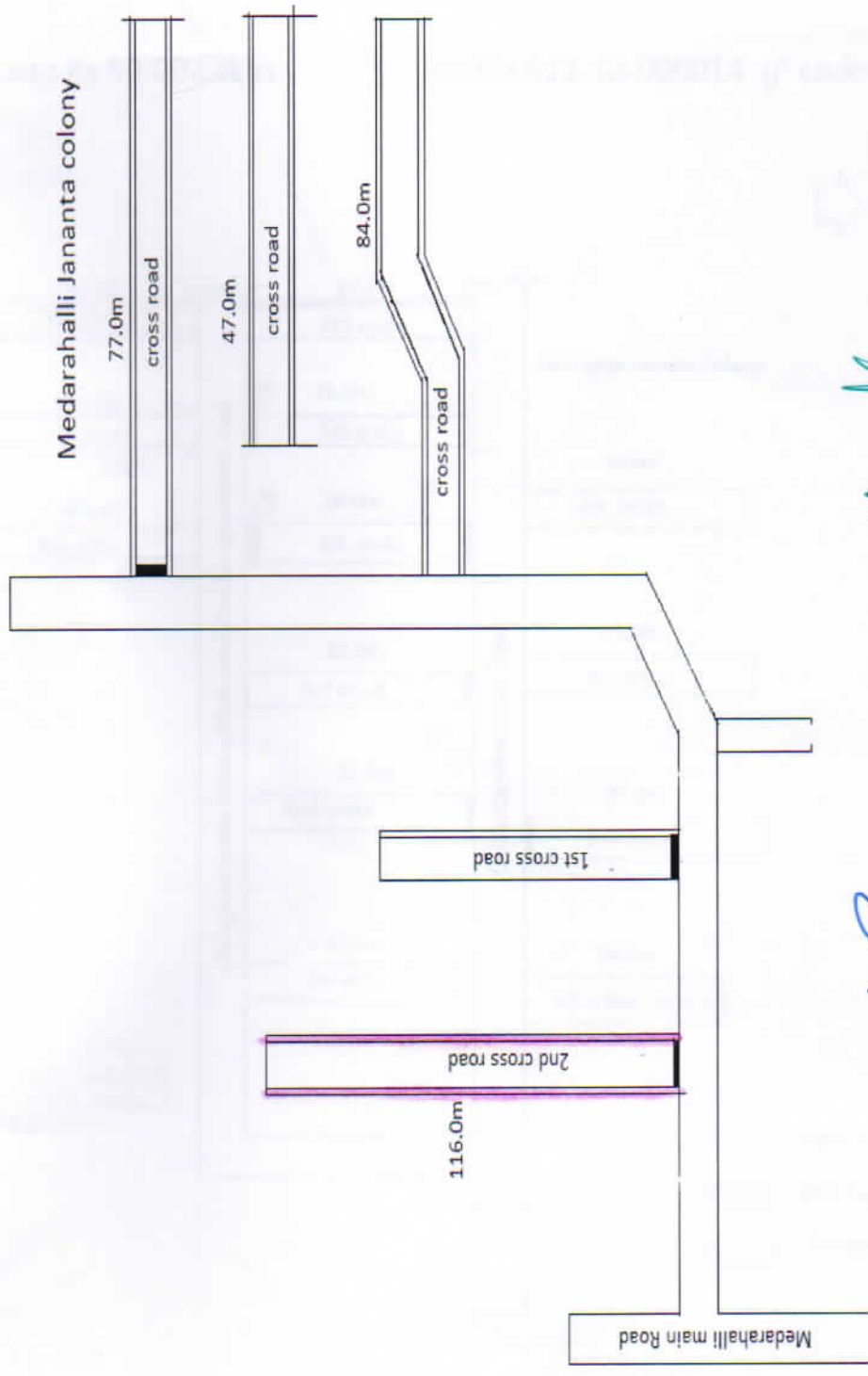
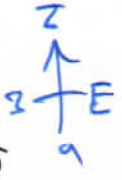
ನಂ. CE/TS/101/17-18 ದಿನಾಂಕ : 26/09/17
ರೂ. Rs. 50.00 Lakh only
ಈ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ತಾಂತ್ರಿಕ ಮಂಜೂರು

ಮುಖ್ಯ ಅಭಿ. ಅಧೀನ
ತಾಂತ್ರಿಕ ಸಹಾಯಕರು ಬಿ.ಬಿ.ಎಂ.
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು.

Name of Work : Improvements to roads and drains of Medarahalli Jananta Colony cross roads in ward No.12 Shettyhalli
in Shettyhalli Sub Division.

Estimated cost : Rs 50.00 Lakhs

Job No 012-18-000013 (P code-1878)



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ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ಪುರಂ
ಪ್ರಕೃತ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್.ಎಂ. ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು